

SOUTH PRODUCTION NOTES

**February 8, 2014
Day Shift**

**BASF EMPLOYEES
77 Last Recordable
222 Last Lost Time**

**CRT's: When we run #5 we will need to fill out the #5 bag house check sheet.
Bldg 31 is now regulated due to the running of the Si-1624 material**

**#1 MED Si-1624: Continue running. End seals must be greased every shift. (manually)
Day shift: Continue. Diverter valve at the top of the dryer spiral stopped switching. Work notification written to have maintenance work on it – 933923615.
Afternoon Shift: Continued.
Midnight shift: Continue...seals greased**

**#1 RC / Si-1624: Continue calcining. Per engineer, still going to feed bags with fallen liners at end of run.
Day shift: Continuing to run. Verify feed rate and monitor.
Afternoon Shift: Feed rate is 255.
Midnight shift: Continue**

Exhaust to F-1

**#2 MED line/ Cu-1230: Completed job. Mixer has been scraped and the pulva and extruder should be also scraped.
Day Shift: Additional cleaning performed on dryer. Waiting for additional information in regards to cleanliness expected for the next job.
Afternoon Shift: No change.
Midnight shift: No change**

**#2 RC/ Cu-1230: Calciner down. The replacement gear box is ordered with a month lead time. Original prognosis was a gear box leak possibly due to overfilling.
Day shift: Calciner is off and has been reversed, however, we will not finalize clean up until advised by engineer – Bodmann.
Afternoon Shift: No change
Midnight Shift: No change.**

Exhausting to CTO

#3 MED line / D-1798 NAQ: We are conducting a very good clean up of the dryer in preparation for D-1799. D-1799 will be fed through the dryer after being impregnated with AMT.

Day shift: Additional clean up required in preparation for D-1799. Should be good to go now.

Afternoon Shift: No change.

Midnight Shift: No change. Need to unlock and fire up dryer for drying first batches.

#3 RC/ D-1799 NAQ: Last of the material fed and the calciner is in shutdown mode.

We will start clean up consisting of running Al-Ox as flush through the calciner, including the dryer spiral elevator.

Day shift: Calciner in auto shut down. Will need to be reversed if it hasn't been done.

Afternoon Shift: Has been reversed-started running Al-Ox through-F-1.

Midnight shift: Last of Al Ox sand running through, vacuuming clean-out box on feed end and top of vibratory table (Cleveland Vibrator). Need to set-up bagging station for D-1799.

Exhausting to CTO

Old Pfaudler – D-1799 NAQ: Pfaudler and hopper rinsed.

Day Shift: After second shift verified the correct nozzles are in the lid was placed on the manhole of the blender. Allowing to dry and we should start impregnations on second shift.

Afternoon Shift: Started making a batch.

Midnight shift: Continue batches. Lighting #3 dryer on day shift

Tank 7 / AMT for D-1799 NAQ: Tank made.

Day shift: AMT tank was cold at start of shift and recirc. pump was not running. Tank is up to temp and pump is running. Ready to go.

Afternoon Shift: No change.

Midnight shift: Can only pump to pfaudler weigh tank manually from tank (not by CRT from CCR room). May need work notification to have Kirk check this.

New Pfaudler / Ni-2458 (2nd dip) : Special batch.

Day shift: Waiting for instructions to make the last 1st dip batch.

Afternoon Shift: No change.

Midnight shift: No change

Tank 6 / Ni Solution: WATCH TEMPS ON TANK!!! Only a little solution remaining in tank, hopefully enough for the special batch as described above.

Day shift: Waiting for instructions to make the last 1st dip batch.

Afternoon Shift: No change.

Midnight Shift: No change

National Dryer / Ni 2458 (2nd dip) : Keep temperature close to 80 degrees. **Green** labels for 2nd dip material.

Day shift: Waiting for instructions on last 1st dip batch.

Afternoon shift: Cleared dryer of 2nd dip material. Found 2/3 of a full buggy of 2nd dip material and emptied out the other buggies to run through at 8:30pm.

Midnight shift: No change

#4 RC / Ni 2458 (2nd dip): Restarted midnight shift (Friday night). Trimer issues (Stage 1 flow meter reading below spec of 50 GPM) corrected. Also, we are NOT permitted to manually handle sulfide drums. Use drum picker to lift and place drums on roller conveyor (make sure lids and rings are still on drum when doing this).

Day shift: Stopped calciner to repair/clean flow meter probe on stage 1 at the trimer – work notification 933923614.

Afternoon Shift: Maintenance is addressing the Trimer-repaired at 9pm.

Midnight shift: Trimer running, continue feeding Ni 2458 to #4 RC hopper.

Exhaust to Trimer

PK Blender / 1520: Continue 1520, use 118 bags.

Day shift: Continuing.

Afternoon Shift: Butterfly valve not closing completely-work order is in. Repaired at 10:15pm

Midnight shift: Continue batches

HC-11 Tanks – 1520: We are to continue emptying Tank 6 of the 1520 solution into totes to be used in building 9 for impregnation. We need to have Tank 6 empty and cleaned (acid wash) by Monday so that we can inspect the liner of the tank. **DO NOT PUMP TANK 4 SOLUTION INTO TANK 6; we will tote off the solution after verified by the lab and then transport to building 9.**

Day shift:

Afternoon Shift: Tank 6 was acid washed and transferring to tank 107.

Midnight Shift: There is material in 107 tank (assuming it is acid rinse) and 6 tank is pretty full (Is it water? More acid wash?)

#5 RC / OxyVinyl Catoxid: We will only feed small bags to the RC – any large bags must be removed and set aside for repacking through PK at a later date. Also, **REMEMBER**, we have to continue to feed alternating batches of material (1 bag above Batch 7083 and 1 bag below Batch 7083). **A new HOURLY CHECK sheet is available – please use it from now on.**

Day shift: We have RTV'd the blanks suspected of leaks. At this point we need to get the calciner back up and running again – second shift.

Afternoon Shift: Maintenance is assisting to light zone 3-work order is in. Temperatures starting to come up at 9pm.

Midnight shift: Restarted feed around 1:00 am, OK so far but will need to change HEPA filter by day shift, per Leon Zavodnik

Exhaust to 5DC when feeding

Tower 3 / Cu-1230: On hold. Mass spec has been installed but additional work is being performed – should take a couple of days.

Day shift: Still on Hold.

Afternoon shift: Hold until Saturday afternoon/will test mass. Spec.

Midnight Shift: Hold

Tower 6 / Cu-1986: On hold. Mass spec has been installed but additional work is being performed – should take a couple of days. The sheaves under Tower 6 are still being replaced.

Day shift: Still on Hold.

Afternoon shift: Maintenance is installing new pulleys.

Midnight Shift: Hold

Harrop Kiln - Al-3921 T 3/16": Down... saggers have been removed, screener parts at TK#2

Day shift: Down

Afternoon Shift: Down

Midnight Shift: Down.

North Screener / Cu 1230: Screener switched to Cu 1230

Day shift: Ready for Cu-1230

Afternoon Shift: No change.

Midnight shift: No change.

South Screener / Cu 1986: Done until another tower comes down..

Day shift: Continue

Afternoon Shift: Completed.

Midnight shift: No activity

#6 - RC / D-0756: Down

Day Shift: Down

Afternoon shift:

Midnight shift: Down.

Exhaust to Sly Scrubber

Tunnel Kiln #2 / V-2045 is next: Start changing over the saggars on TK 2 to the vanadium saggars after we complete Tk4 job.

Day shift: Down

Afternoon Shift:

Midnight shift: Down.

Tunnel Kiln #4 / Cu-0540 done: HOLD

Day shift: No activity

Afternoon Shift: Down.

Midnight shift: Down.

#2662 Pill Machine / Al-3917 3/16: Finished. Holding for decision to switch to 3915.

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Priorities 1 through 6 are basically all the same priority, should be considered urgent and will require call outs for maint issues.

- 1) Cu-1230 E 1/16 3F RS & Cu-1986 TRL - Reduction Towers**
- 2) D-1799 NAQ - East Pfaudler/#3 P&S/#3 RC**
- 3) 1520 Impregs - PK/HC-11 Tank Make Up**
- 4) Catoxid - #5 RC**
- 5) Ni-2458 E - West Pfaudler/National Dryer/#4RC**
- 6) Si-1624 E - #1 MED/#1 RC**
- 7) Clean #2 P&S Dryer**
- 8) Clean #2 MED Line**